

Abstract Of The Disclosure

The present invention provides a method for beneficial control of body condition and dietary energy balance in dairy cattle during colostrum milk production. An important aspect of the beneficial control is the provision of a feedstock which has a supplemented content of trans-10, cis-12 conjugated linoleic acid derivative having rumen-bypass properties. The ingested quantity of CLA derivative ingredient per cow is effective for lowering and maintaining the fat content of colostrum milk in the range between about 4-6 weight percent and for increasing milk yield. The presence of cis-9, trans-11 conjugated linoleic acid structural isomer in an invention feedstock is minimized, because it counteracts the beneficial effects of the trans-10, cis-12 conjugated linoleic acid structural isomer, such as reduction in milk yield.